

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



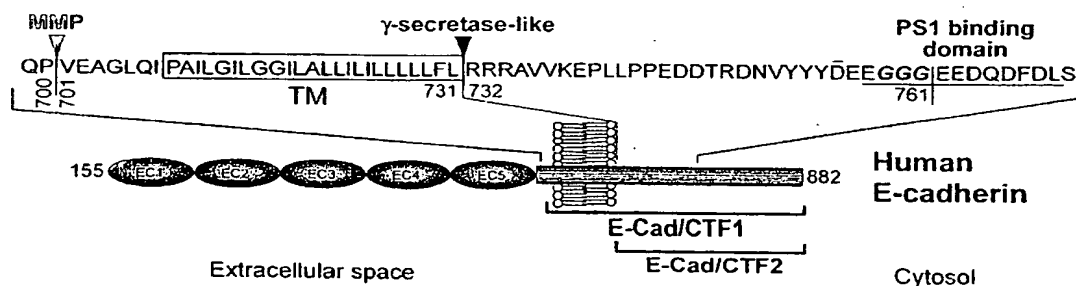
(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/087136 A2

- (51) International Patent Classification⁷: **C07K**
- (21) International Application Number: **PCT/US03/11359**
- (22) International Filing Date: **10 April 2003 (10.04.2003)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
60/327,617 **11 April 2002 (11.04.2002)** **US**
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US Not furnished (CIP)
Filed on Not furnished
- (71) Applicant (for all designated States except US): **MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY [US/US]**; One Gustave L. Levy Place, New York, NY 10028 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ROBAKIS, Nikolaos [US/US]**; 330 Highwood Avenue, Leonia, NJ 07605 (US). **MARAMBAUD, Philippe [FR/US]**; 181 East 104th Street, Apt. 15A, New York NY 10029 (US). **GEORGAKOPOULOS, Anastasios [GR/US]**; 50 East 98th Street, Apt. 5122, New York, NY 10029 (US).
- (81) Designated States (national): **AE, AG, AL, AM, AT** (utility model), **AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ** (utility model), **DE** (utility model), **DK** (utility model), **DM, DZ, EC, EE, ES, FI** (utility model), **GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK** (utility model), **SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW**.
- (84) Designated States (regional): **ARIPO** patent (**GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW**), **Eurasian** patent (**AM, AZ, BY, KG, KZ, MD, RU, TJ, TM**), **European** patent (**AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR**), **OAPI** patent (**BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG**).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PEPTIDES DERIVED FROM CADHERIN AND METHODS OF USE THEREOF



(57) Abstract: The present invention provides polypeptides and peptides derived from cadherin. The polypeptides and peptides are useful in a method of inhibiting amyloid deposition and a method of inhibiting tumor metastasis. A method of determining susceptibility to Alzheimer's disease and a method of screening for agents that modify cadherin processing are also provided.

WO 03/087136 A2